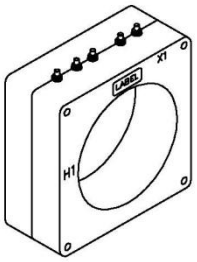
Current Transformer

Model 117MR
rev 12022025



APPLICATION:
Relaying
FREQUENCY:
50-400 Hz.
INSULATION LEVEL:
600 Volts. 10 kV BIL. full wave
WINDOW DIAMETER:
4.62”
APPROXIMATE WEIGHT:
13 lbs.
CONNECTIONS:
-Terminals are brass studs No. 8-32 UNC with one flat washer, lockwasher, and regular nut
-The transformer winding is arranged so that the turns are fully distributed between all taps
-Mounting kit # 115-KIT (optional)

Model	117MR
Window Size	4.62
Width	7.00
Height	7.12
Depth	4.00

CERTIFICATIONS:

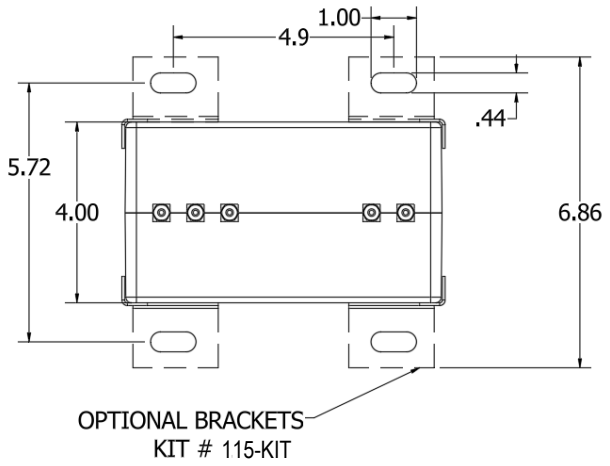
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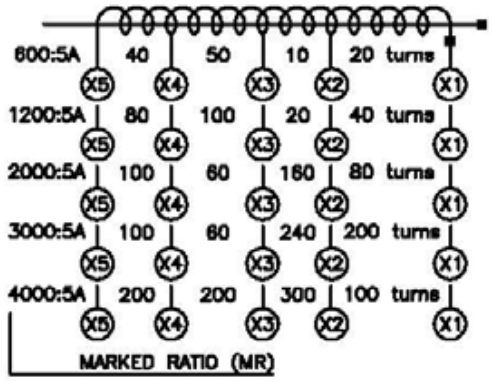
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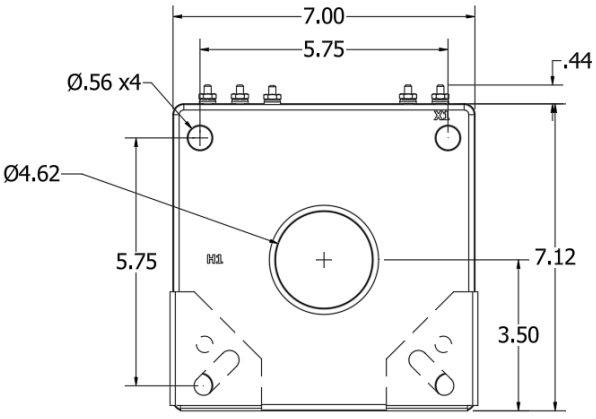
ISO 9001 QUALITY MANAGEMENT

MODEL 117MR
Window Diameter 4.62”
Approximate weight: 13 lbs.

Catalog Number	Relay Class	Continuous Thermal	
		@ 30°C	@ 50°C
117-601MR	C20	2.0	1.5
117-122MR	C100	1.33	1.0
117-202MR	C50	1.0	0.6





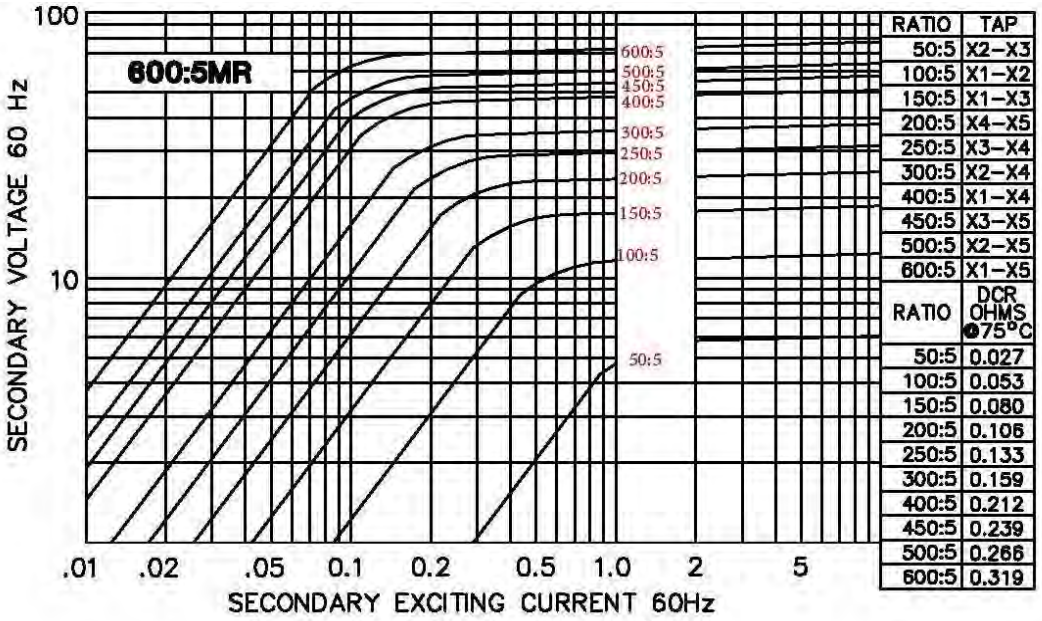


Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

Current Transformer

Model 117MR
rev 08192025

EXCITATION CURVE

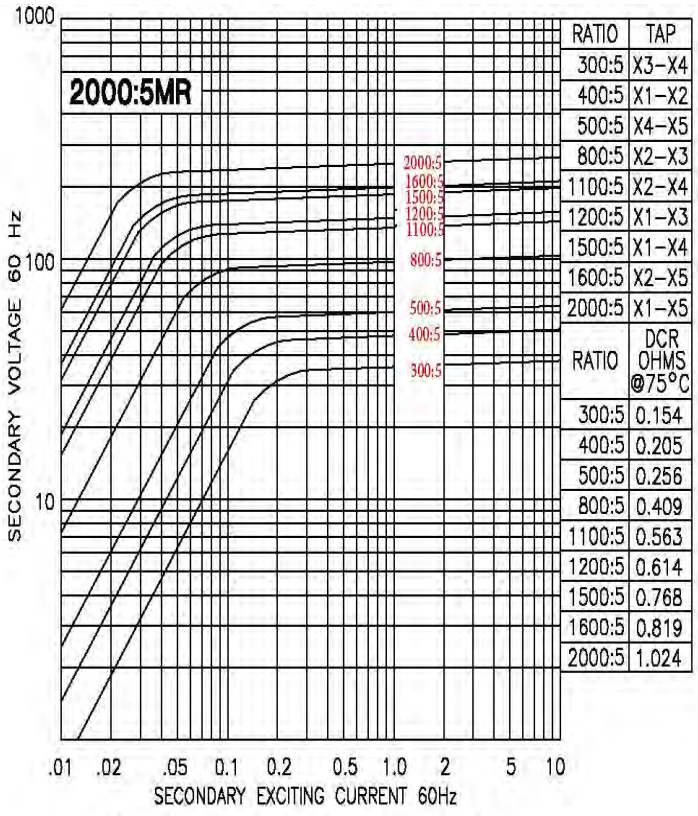


RATIO	TAP
50:5	X2–X3
100:5	X1–X2
150:5	X1–X3
200:5	X4–X5
250:5	X3–X4
300:5	X2–X4
400:5	X1–X4
450:5	X3–X5
500:5	X2–X5
600:5	X1–X5

RATIO	DCR OHMS @75°C
50:5	0.027
100:5	0.053
150:5	0.080
200:5	0.106
250:5	0.133
300:5	0.159
400:5	0.212
450:5	0.239
500:5	0.266
600:5	0.319

Model 117-601MR - rating C20

TRF= 2.0 @ 30°C, 1.5 @ 55°C amb.

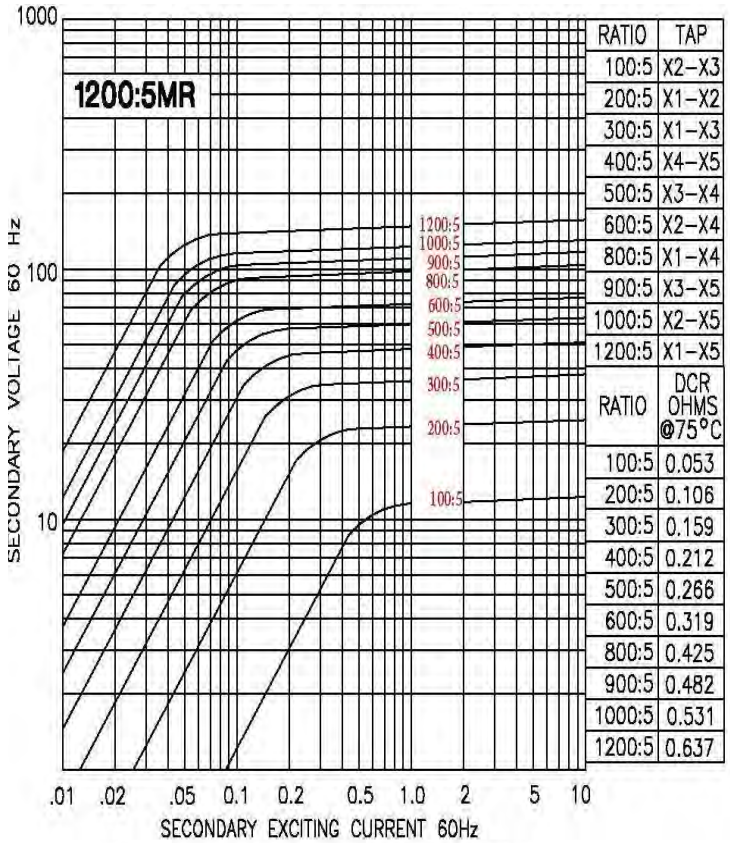


RATIO	TAP
300:5	X3–X4
400:5	X1–X2
500:5	X4–X5
800:5	X2–X3
1100:5	X2–X4
1200:5	X1–X3
1500:5	X1–X4
1600:5	X2–X5
2000:5	X1–X5

RATIO	DCR OHMS @75°C
300:5	0.154
400:5	0.205
500:5	0.256
800:5	0.409
1100:5	0.563
1200:5	0.614
1500:5	0.768
1600:5	0.819
2000:5	1.024

Model 117-202MR - rating C50

TRF= 1.00 @ 30°C, 0.6 @ 55°C amb.



RATIO	TAP
100:5	X2–X3
200:5	X1–X2
300:5	X1–X3
400:5	X4–X5
500:5	X3–X4
600:5	X2–X4
800:5	X1–X4
900:5	X3–X5
1000:5	X2–X5
1200:5	X1–X5

RATIO	DCR OHMS @75°C
100:5	0.053
200:5	0.106
300:5	0.159
400:5	0.212
500:5	0.266
600:5	0.319
800:5	0.425
900:5	0.482
1000:5	0.531
1200:5	0.637

Model 117-122MR - rating C100

TRF= 1.33 @ 30°C, 1.0 @ 55°C amb.

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

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